

NON-MEDIA TYPE SPECIFIC SCALABILITY ATTRIBUTES AND DATA STRUCTURE INFORMATION

SCALABLE ENCODED MEDIA DATA ARRANGED IN A NON-MEDIA TYPE SPECIFIC INDEXABLE DATA STRUCTURE

F/G. 1

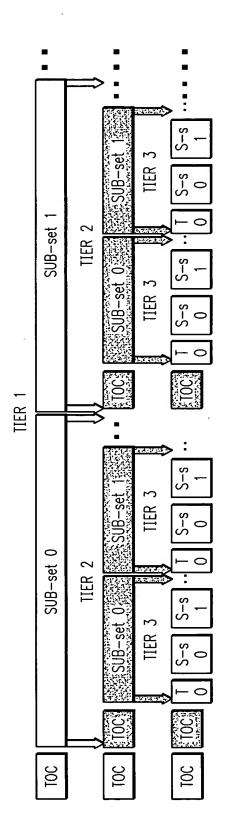


FIG. 2A



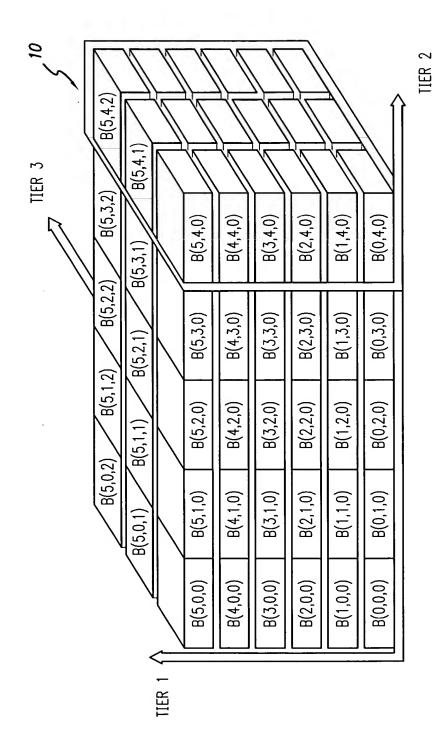
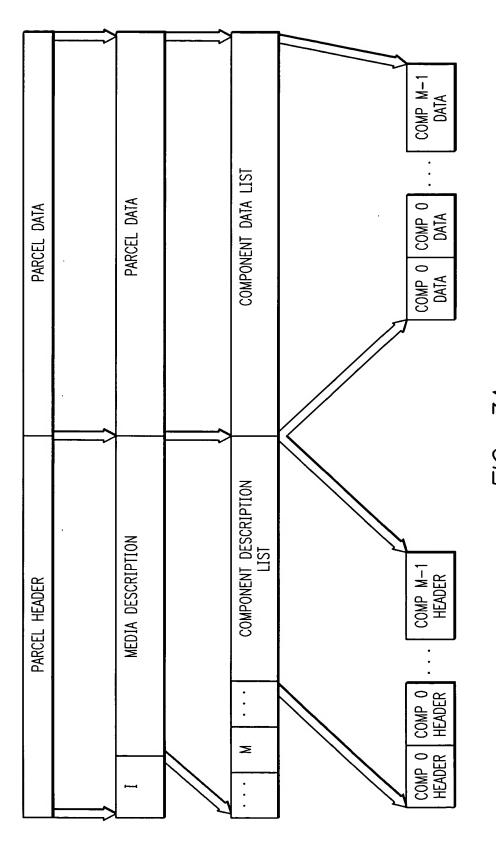


FIG. 2B



F/G. 3A

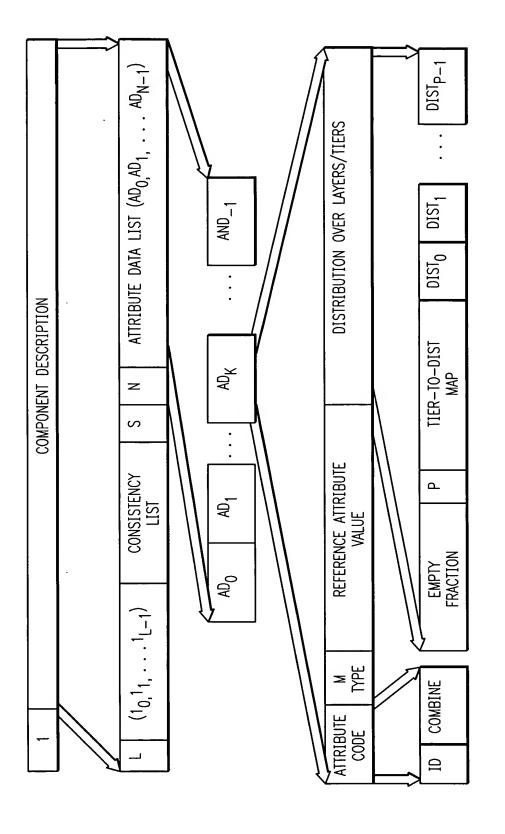
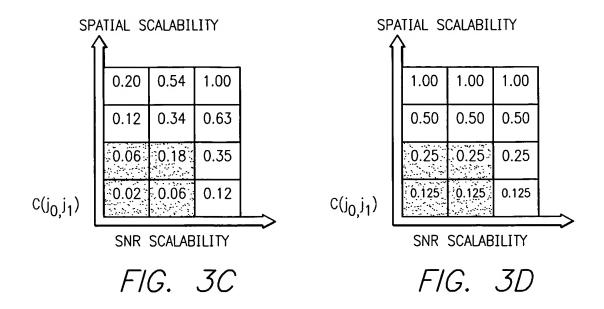


FIG. 3B



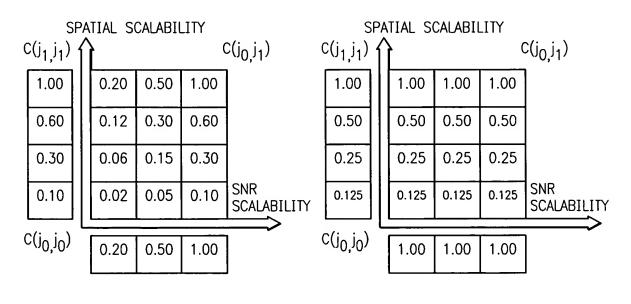
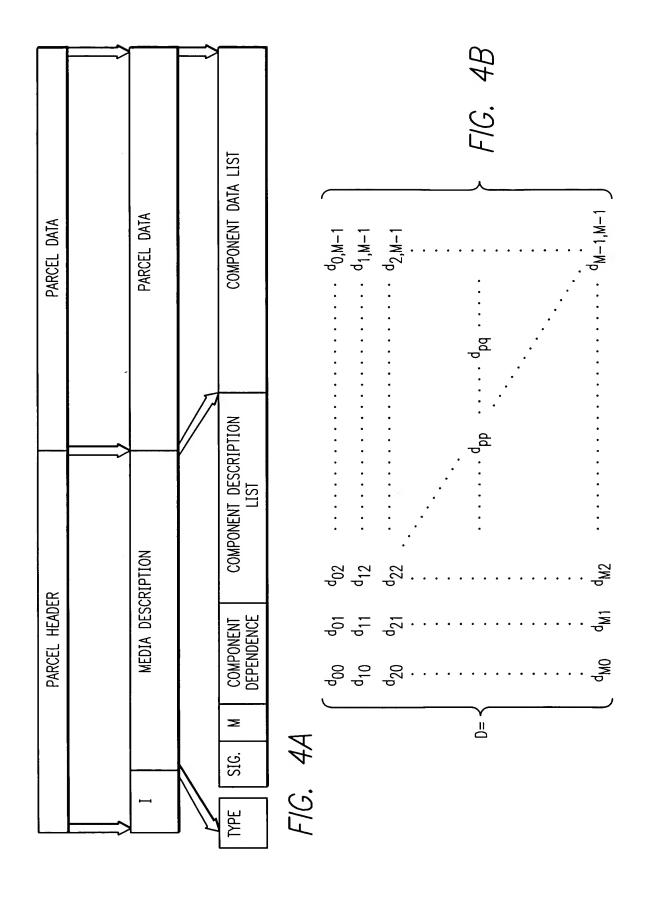
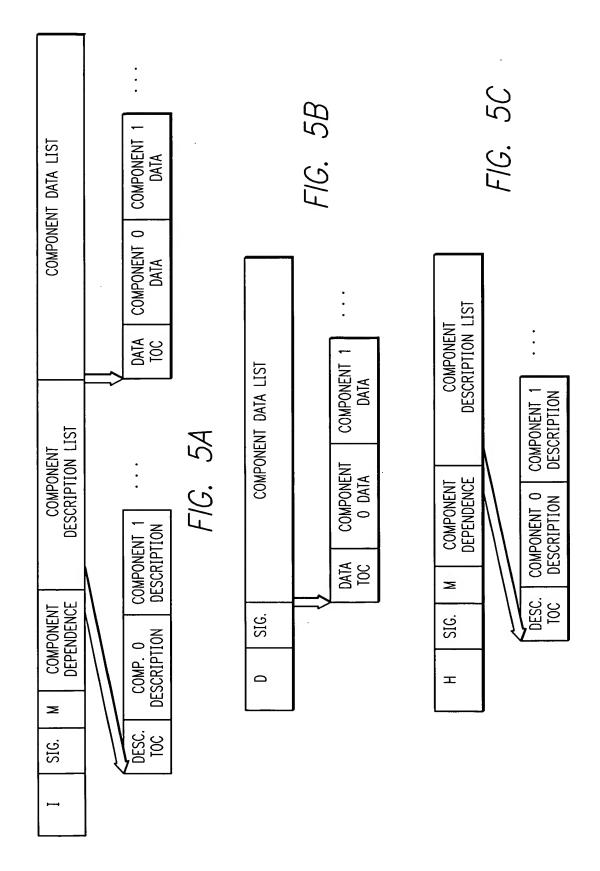


FIG. 3E

FIG. 3F





60 FORMATTING ORIGINAL SCALABLE ENCODED MEDIA DATA IN A FORMAT INCLUDING A FIRST PORTION CORRESPONDING TO NON-MEDIA TYPE SPECIFIC SCALABILITY ATTRIBUTES AND SECOND PORTION DATA STRUCTURE INFORMATION AND A SECOND PORTION CORRESPONDING TO THE ORIGINAL SCALABLE ENCODED MEDIA DATA ARRANGED IN A NON-MEDIA TYPE SPECIFIC INDEXABLE DATA STRUCTURE 61 PROVIDING INFORMATION CORRESPONDING TO RECEIVING ATTRIBUTES OF AT LEAST ONE TYPE OF SCALABLE ENCODED MEDIA BY A MEDIA DESTINATION 62 TRANSCODING THE FORMATTED ORIGINAL SCALABLE ENCODED MEDIA DATA PRIOR TO DELIVERY TO THE MEDIA DESTINATION BASED ON MATCHING THE SCALABILITY ATTRIBUTES AND THE RECEIVING ATTRIBUTES TO GENERATE A SCALED VERSION OF THE FORMATTED ORIGINAL SCALABLE ENCODED MEDIA

FIG. 6

DATA ADAPTED TO THE RECEIVING ATTRIBUTES OF THE MEDIA DESTINATION

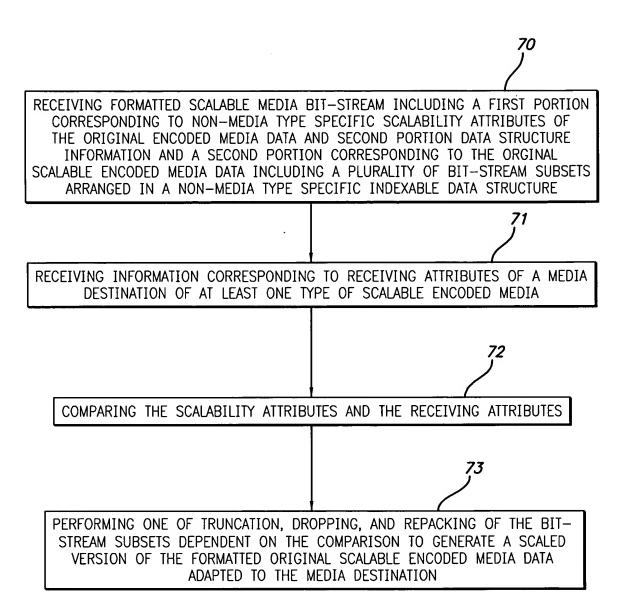
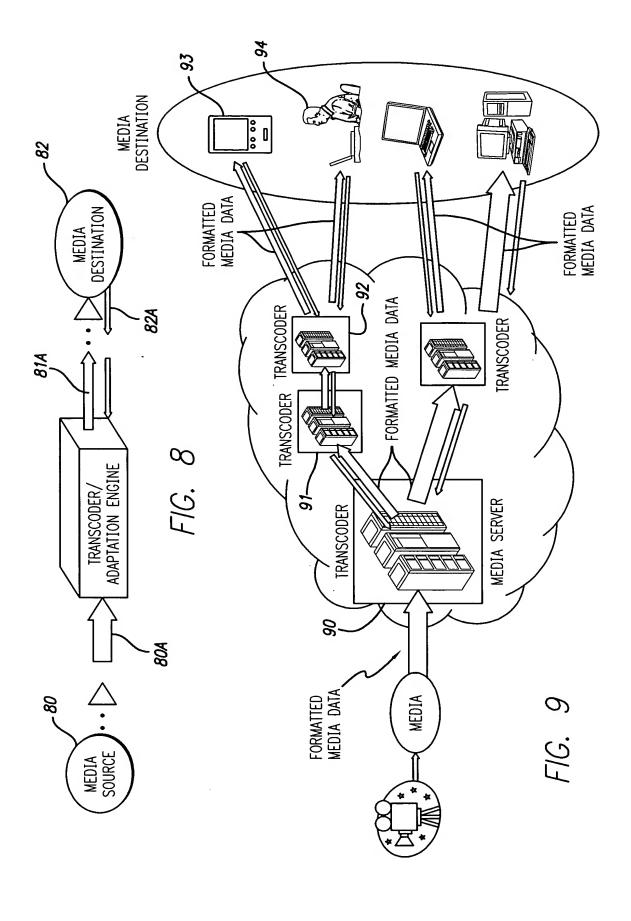


FIG. 7



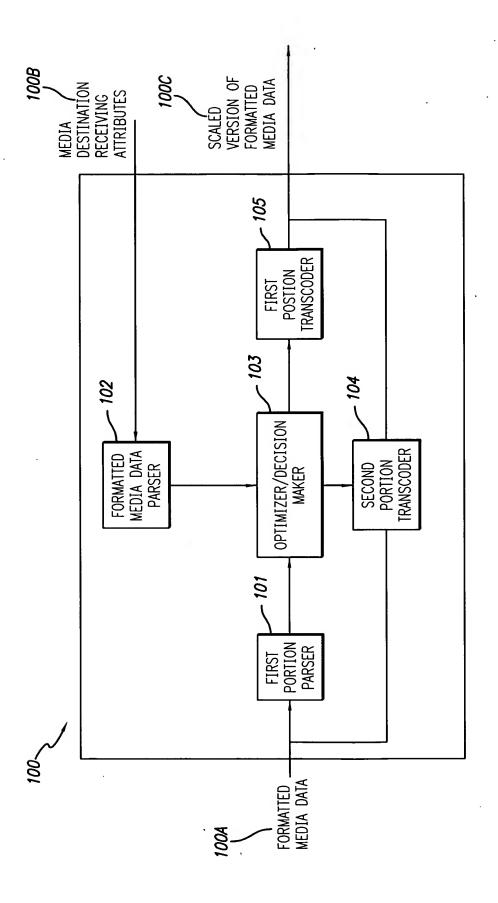
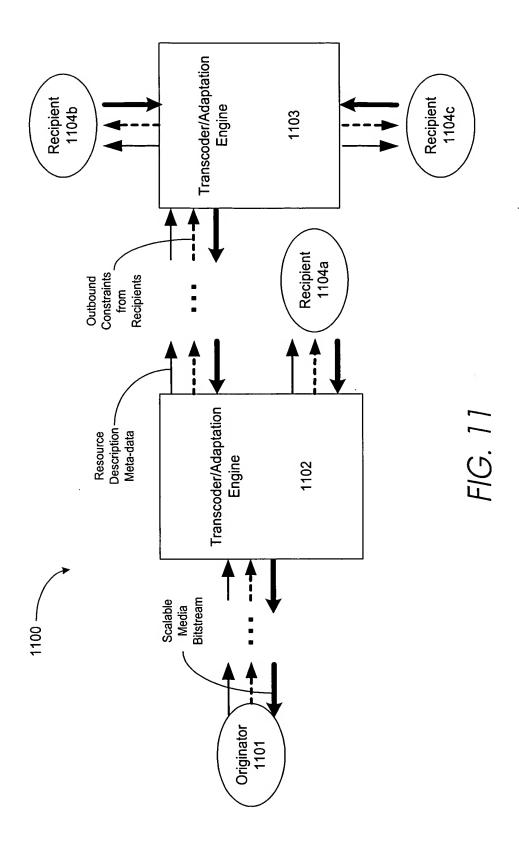


FIG. 10



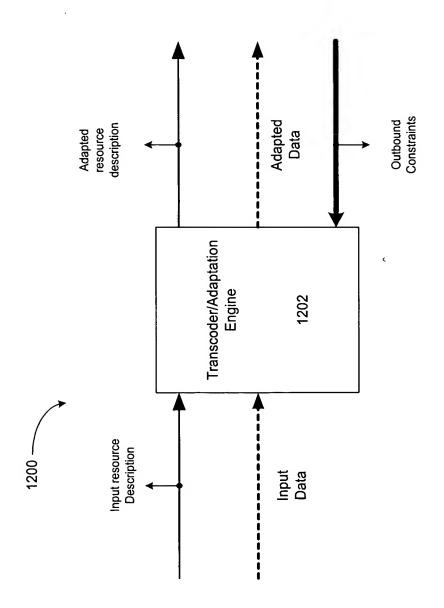


FIG. 12

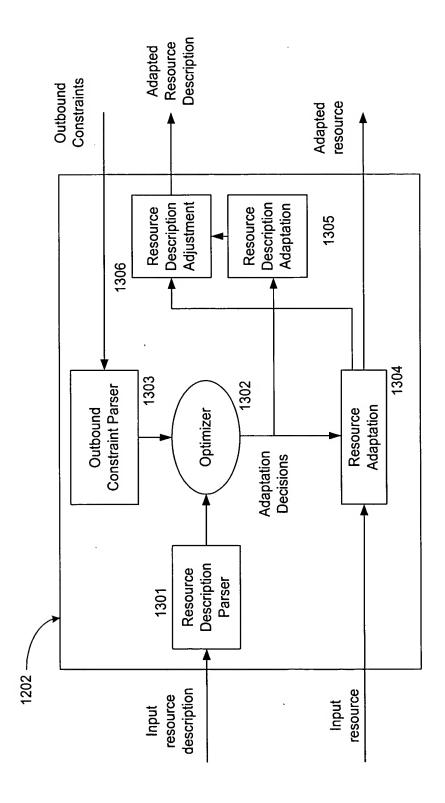


FIG. 13

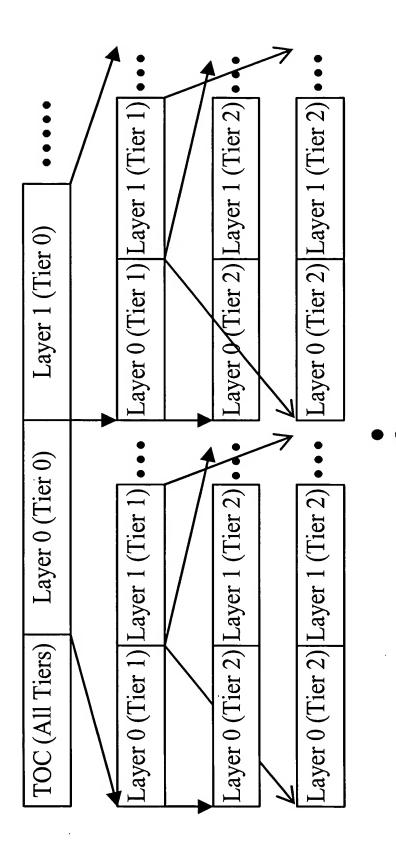


FIG. 14

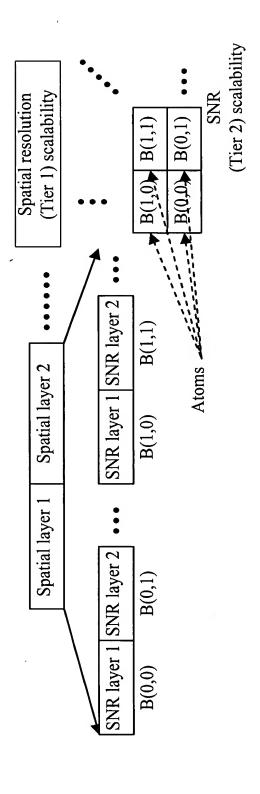


FIG. 15

FIG. 16

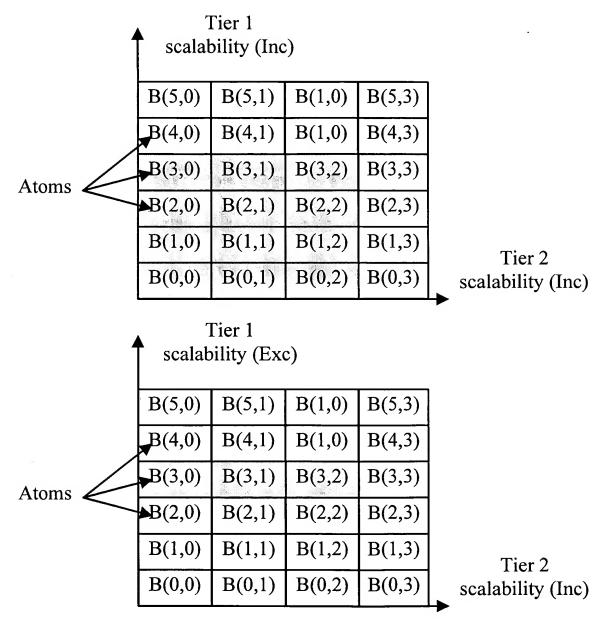


FIG. 17

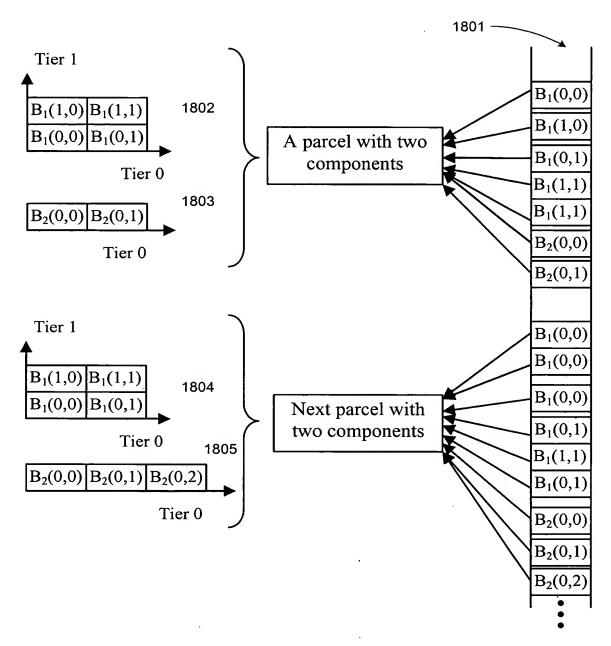


FIG. 18

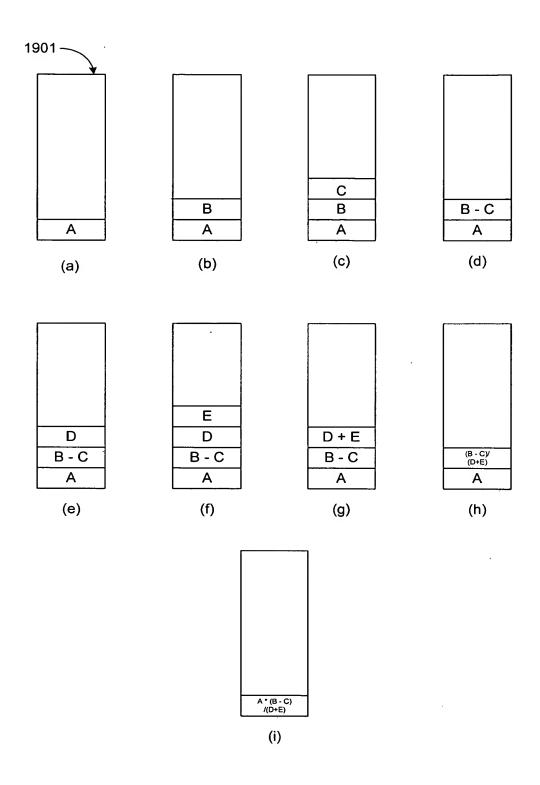


FIG. 19

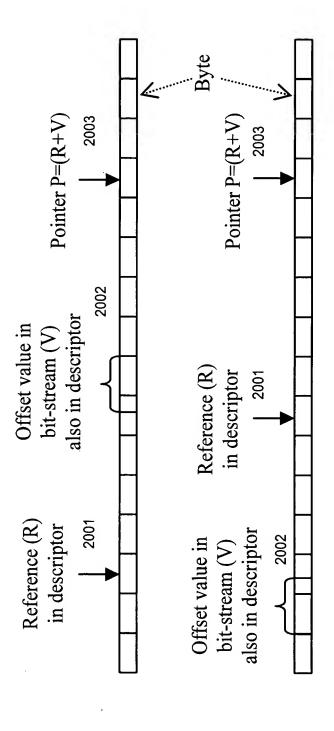
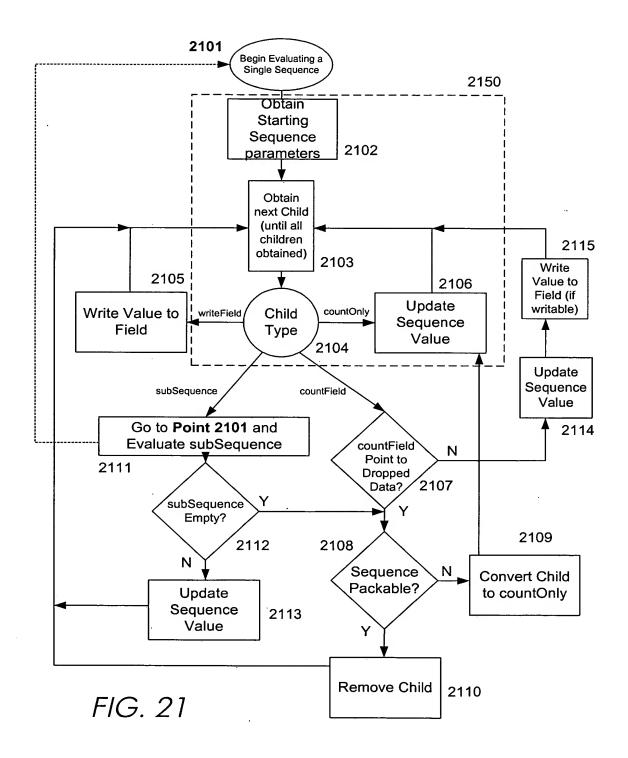


FIG. 20



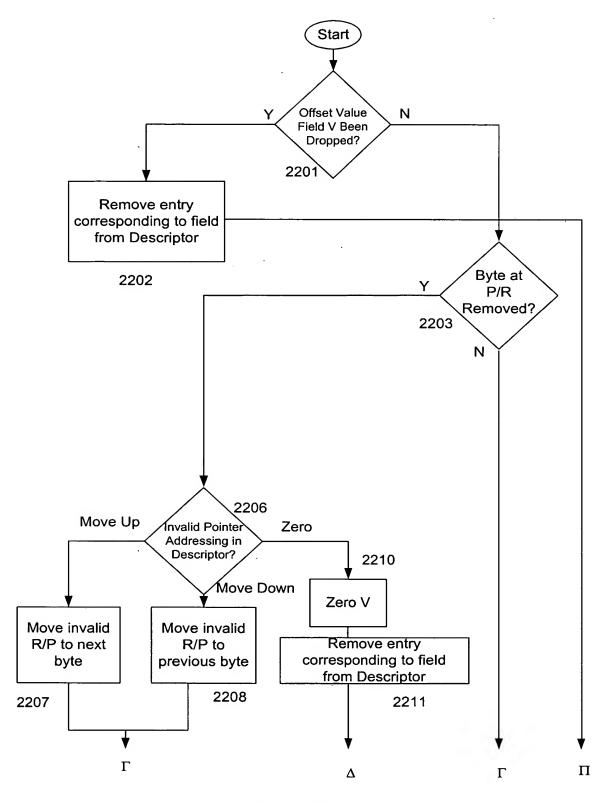


FIG. 22A

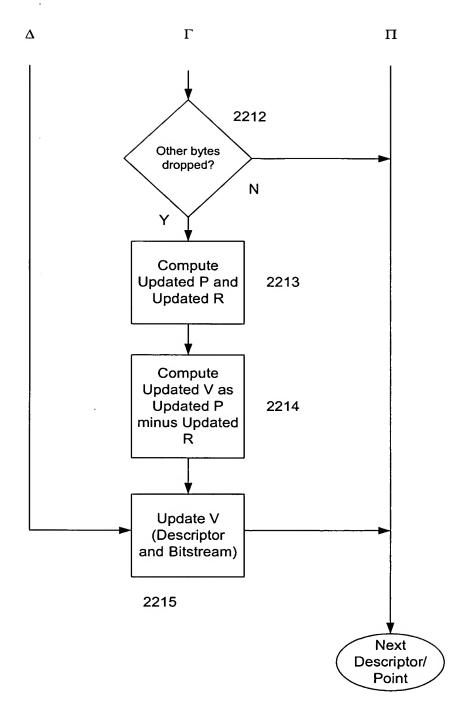


FIG. 22B

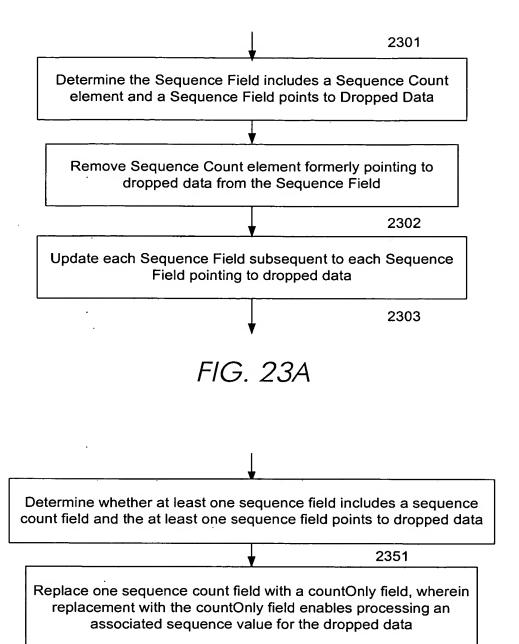
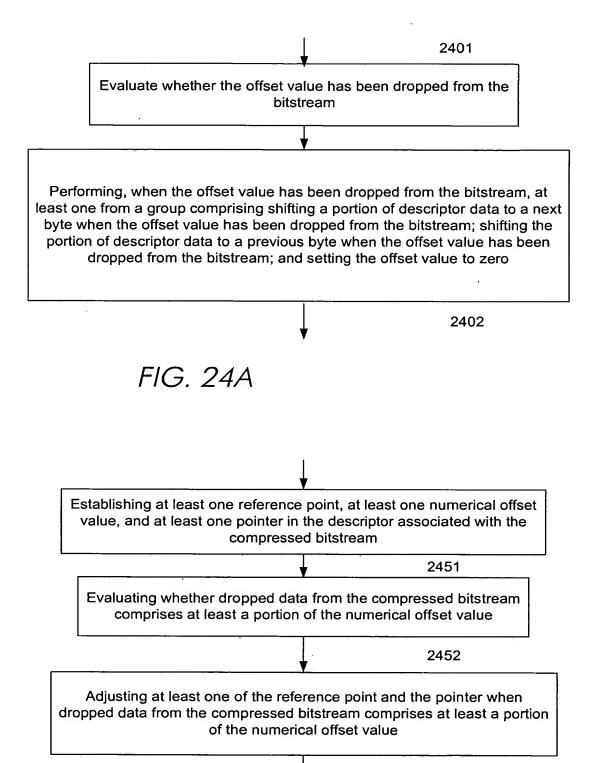


FIG. 23B

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2453

FIG. 24B

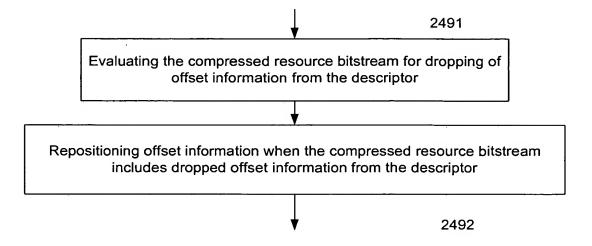


FIG. 24C

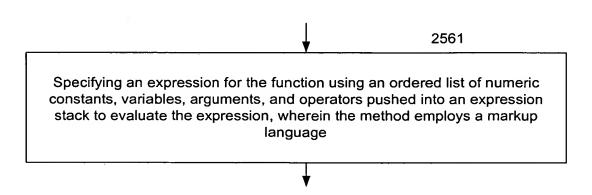
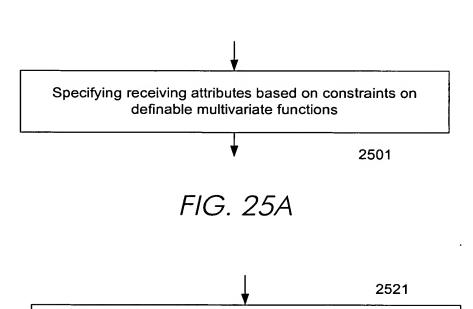


FIG. 25D



Specifying receiving attributes based on measures of the attributes

Imposing constraints on the measures of the attributes

2522

FIG. 25B

2541

Specifying an expression for the function using an ordered list of numeric constants, variables, arguments, and operators pushed into an expression stack to evaluate the expression, wherein the functions comprise at least one from a group comprising constraints applied by the adaptation engine, sequence field operations, and offset length calculations

FIG. 25C